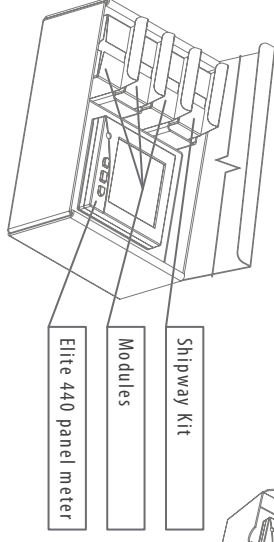


Elite 440 panel meter with Shipway kit

A line drawing of a rectangular device with its back cover removed. The cover is shown as a separate piece, and the internal battery compartment is visible. A line points from the text 'Remove the battery cover' to the cover.



2. Do not exceed the specified voltage and current ratings.
3. Check the auxiliary supply voltage and/or polarity before making connection.
4. Make sure that all connectors are correctly seated and firmly in place.
5. Make sure that there are no loose connections, stray wires or exposed conductors.
6. Short the CTs before unplugging the current connector.
7. Shielded cable should be used for RS-485 connections. Connect the shield to signal ground (56)
8. Do not use solvents or abrasive materials to clean the unit, use only a slightly damp cloth and isolate the unit from the supply before cleaning it.

Note: The organization is committed to continuous improvement in our products and upgrading the feature set. While we will endeavour to integrate new features seamlessly, there could be instances when the enhancement is not backward compatible. Please check with the company representative for compatibility check before upgrade on an existing product.

The diagram shows three different transformer connection schemes for a CT/PT meter:

- HT 3P 4W:** A three-phase four-wire transformer. The primary (1, 2, 3) is connected to the meter's primary terminals (S1, S2, S3, S4). The secondary (1, 2, 3, N) is connected to the meter's secondary terminals (I1, I2, I3, I4). The meter's auxiliary supply (V1, V2, V3, VN) is connected to the primary terminals (S1, S2, S3, S4).
- HT 3P 3W:** A three-phase three-wire transformer. The primary (1, 2, 3) is connected to the meter's primary terminals (S1, S2, S3, S4). The secondary (1, 2, 3) is connected to the meter's secondary terminals (I1, I2, I3). The meter's auxiliary supply (V1, V2, V3, VN) is connected to the primary terminals (S1, S2, S3, S4).
- LT 3P 4W:** A low-voltage three-phase four-wire transformer. The primary (1, 2, 3, N) is connected to the meter's primary terminals (S1, S2, S3, S4). The secondary (1, 2, 3, N) is connected to the meter's secondary terminals (I1, I2, I3, I4). The meter's auxiliary supply (V1, V2, V3, VN) is connected to the primary terminals (S1, S2, S3, S4).

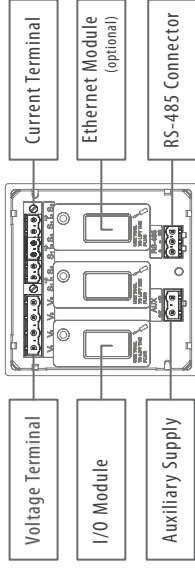
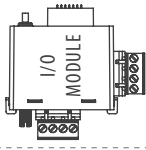
Connection Type	HT3/ HT4/ LT4	Frequency
Wiring	3P 3W; 3P 4W	Accuracy Class*
Voltage Range**	57.7–240VAC	I _{basic}
Auxiliary Supply *	80–300 V AC/DC or 24–60 V DC	I _{max}

** With respect to reference voltage V_{Nominal}

* According to variation

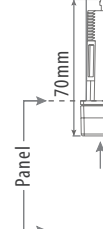
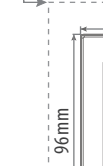
Available Options:

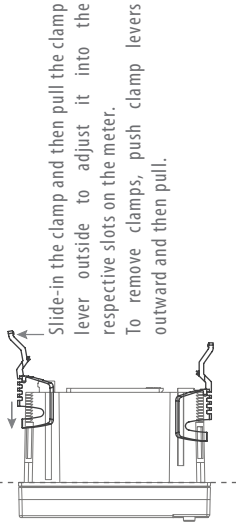
- Two Pulse Inputs and Two Pulse Outputs
- Four 4-20 mA Analogue Outputs



Disconnect power before module plug-in!
Refer module decal for connector info!

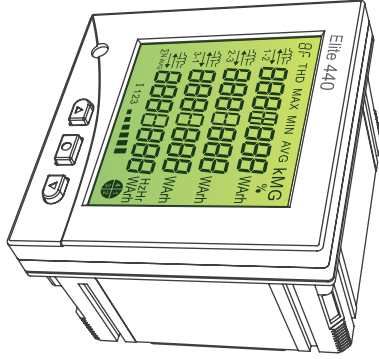
How to Install Elite 440

- 1 Fix Elite 440 meter in the panel cut-out as shown in the figure.
- 
- 2 Secure the meter with the panel by sliding-in the mounting clamps in the slots provided on four corners as shown in the figure
- 



Dimensions (mm)	96x96x70 (LxWxD)	Operating Temp. -20°C to +60°C	
Cut Out Size (mm)	92x92		
Weight	0.4 ± 0.1 kg		
Conductor Size	2 to 2.5 mm ²		
IP Rating	IP 54 front		
		Enclosure	FR Polycarbonate
		Terminals	CombiCon Connector
		I/O Module Weight	0.05 kg
		Ethernet Module Weight	0.04 kg

Multiline Panel Meter



BGX501-730-R07
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Operating Elite 440

Press this button to go to the next page of parameter display

Press this button to go to the previous page of parameter display

The Setup Mode

Press this button to enter the Setup Mode.

Press this button to shift to next digit / value.

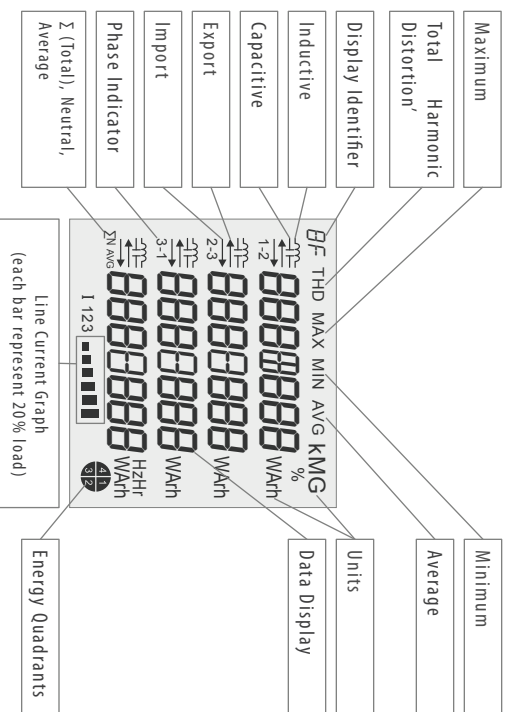
Press this button to enter
digits / values.

Press this button to confirm the digits / values.

Glossary - Setup Sub-Menu

Glossary - Setup Sub-Menu		
<i>MD Reset</i>	<i>MD Reset</i>	MD Reset
<i>Commissioning</i>	<i>Commissioning</i>	Commissioning
<i>I/O Module</i>	<i>I/O Module</i>	I/O Module
<i>Communication</i>	<i>Communication</i>	Communication
<i>Demand</i>	<i>Demand</i>	Demand
<i>Power LED</i>	<i>Power LED</i>	Power LED
<i>Poles</i>	<i>Poles</i>	Poles
<i>Metrological LED</i>	<i>Metrological LED</i>	Metrological LED
<i>Ethernet</i>	<i>Ethernet</i>	Ethernet
<i>Change Password</i>	<i>Change Password</i>	Change Password
<i>Quit</i>	<i>Quit</i>	Quit

Reading the Elite 440 Display



 The display identifier on the top left-hand corner will show the parameter being displayed on the LCD at any point of time.

Display Identifiers

U	Voltage (V)	5	Apparent Power (kVA)
I	Current (A)	E	Energy
PF	Power Factor	D	Demand
P	Active Power (kW)		
Q	Reactive Power (kVAR)		

I/O Module connected to Elite 440

[illegible]

Configuring the Modbus ID

- 1 Access the Setup Menu by entering the correct password (refer to section "The Setup Mode")
- 2 Select "Communication" from the displayed menu list and then select "Modbus ID"



- 3 Enter the desired ID with help of left button, to shift the cursor to the right, press the right button. To confirm and save, press the middle button.



A similar approach can be used to configure available options within the Setup Menu.

The Setup Mode